

No. Pages: 32

~~TOP SECRET~~

COPY NO.: 34

DOC	REV DATE	3 JUN 1992	BY	0109599
ORIG COMP	OPI	19	TYPE	11
ORIG CLASS	PAGES	35	REV CLASS	5
JUST	22	NEXT REV	2012	AUTHI HA 78-2

30-09-55
30-09-55

JOB NO. 78F04753A JOINT PHOTOGRAPHIC INTELLIGENCE REPORT

BOX NO. 1

FOLDER NO. 16

TOTAL DOCS HEREIN 1

MILITARY TARGETS ON THE CRIMEAN PENINSULA, USSR

~~TOP SECRET~~



ARMY



CIA



NAVY

HTA/JR-2/57

30 SEPTEMBER 1957

COORDINATED, PUBLISHED AND DISSEMINATED BY CIA/HTA

[Redacted]

25X1

CENTRAL INTELLIGENCE AGENCY

OFFICE OF RESEARCH AND REPORTS

25X1

[Redacted]

25X1

~~TOP SECRET~~

DECLASS REVIEW by NGA/DOD

WARNING

This material contains information affecting the National Defense of the United States within the meaning of the espionage laws, Title 18, USC, Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

~~TOP SECRET~~

25X1

MILITARY TARGETS ON THE
CRIMEAN PENINSULA, USSR

HTA/JR-2/57

30 September 1957

~~TOP SECRET~~

25X1

TOP SECRET

25X1

HTA/JR-2/57

PREFACE

This is one of a series of Joint Photographic Intelligence Reports by the various intelligence components represented at HTAUTOMAT. These reports provide detailed, coordinated photo analyses, supplemented with other available intelligence, in response to high-priority intelligence requirements on the Soviet Bloc.

This report has been prepared jointly by CIA, Army, and Navy under Navy chairmanship. Portions of this report may be used by participating services in production of subsequent reports under their own aegis.

Of 115 targets listed by the Bombing Encyclopedia for the Crimean Peninsula, 47 are among those covered by this report. New targets covered include several of unusual significance. In so far as possible, repetition of information on targets previously reported has been avoided and reference has been made to the appropriate detailed study available.

TOP SECRET

25X1

TOP SECRET

25X1

HTA/JR-2/57

CONTENTS

- I. Introduction
- II. Review of Facilities and Activities
 - A. Air Facilities
 - B. Naval Activity in Crimean Waters
 - C. Other Military Activities
 - D. Road and Rail Transportation
 - E. Electric Power Facilities
 - F. Other Industry
- III. Area Summaries
 - A. Sevastopol-Balaklava Area
 - 1. Sevastopol
 - 2. Balaklava
 - 3. Sevastopol-Balaklava Environs
 - B. Kerch Peninsula
 - 1. Probable Guided Missile Test Range
 - 2. Feodosiya-Dalniye Kamyshe Area
 - a. Feodosiya
 - b. Feodosiya Torpedo Plant Dalniye Kamyshe
 - c. Possible Missile Launching Site at Dalniye Kamyshe
 - d. Feodosiya Torpedo Test Station
 - 3. Kerch Area
 - 4. Coastal Area Along Sea of Azov
 - C. North Central Crimea
 - 1. Dzhankoy
 - 2. Vicinity of Dzhankoy
 - D. Western Crimea
 - 1. Saki-Yevpatoria Area
 - a. Saki
 - b. Yevpatoria
 - 2.
Chernomorskoye
 - E. Yalta Area
- IV. Summary and Conclusions

TOP SECRET

25X1

TOP SECRET

25X1

HTA/JR-2/57

LIST OF ILLUSTRATIONS

- Plate No. 1 Map of Crimean Peninsula
- Plate No. 1A Photo Coverage of Crimean Peninsula (Mission 2014)
- Plate No. 1B Rail and Highway Facilities Confirmed by Photography
- Plate No. 1C Air Facilities on Crimean Peninsula
- Plate No. 2 Mosaic of Sevastopol
- Plate No. 3 Photograph of Balaklava
- Plate No. 4 Mosaic of Sevastopol - Balaklava Area
- Plate No. 5 Map of Kerch Peninsula
- Plate No. 6 Photograph of Possible Missile Launching Site at Karangit
- Plate No. 7 Photograph of Possible Missile Test and Storage Area near Dalniye Kamyshe
- Plate No. 8 Mosaic of Feodosiya
- Plate No. 9 Photograph of Feodosiya Torpedo Plant at Dalniye Kamyshe
- Plate No. 10 Photograph of Possible Missile Launching Site at Dalniye Kamyshe
- Plate No. 11 Mosaic of Saki Area
- Plate No. 12 Photograph of Feodosiya Torpedo Test Station

25X1B

TOP SECRET

25X1

TOP SECRET

HTA/JR-2/57

I. INTRODUCTION

This report provides a survey of significant military targets on the Crimean Peninsula from aerial photography. Such targets include guided missile sites, airfields, naval facilities, army facilities, transportation and communication facilities, and industrial installations. Photography [] scale of approximately 1:34,000, has been used. Although configuration of the photographic mission encompasses the whole of the Crimea, only 30 to 35 percent of the coverage is usable due to cloud cover and malfunction of the right oblique camera. Plate No. 1 is an outline map of the peninsula showing principal cities and railroads, and Plate No. 1A, an overlay to this map, shows the portions of the peninsula covered by usable [] photography. World War II photographic coverage has been used for comparative purposes, and extensive use of unconfirmed collateral information, consisting principally of prisoner-of-war reports, has been employed in locating and identifying installations on the photography.

The Crimean peninsula, extending southward from the Ukraine into the Black Sea, is principally a low, rolling plain with a slight elevation in the northwestern sector. A low range of mountains, with the highest elevation about 5,000 feet, extends for roughly 100 miles between Sevastopol and Feodosiya.

A brief over-all review of activities and facilities on the peninsula follows this introduction. The remainder of the report consists primarily of a detailed listing of targets and installations, with the peninsula divided for this purpose into five areas as follows: the Sevastopol-Balaklava area, the Kerch peninsula, North Central Crimea, Western Crimea, and the Yalta area.

II. REVIEW OF FACILITIES AND ACTIVITIES

A. Air Facilities

The Crimea appears to have well developed air facilities. Operational military airfields have runways ranging in length from 5,900 to 11,350 feet. Of the 20 air facilities studied (see Plate 1C, an overlay to Plate 1), the only fighter defense bases identified were Dzhankoy and Sevastopol/Khersones. Blurring of the image precluded an aircraft count on the former. The latter had 26 possible Fagots. Sovetskiy Airfield appears to be a fighter training field with landing grounds at Azovskoye and Mitrofanovka probably serving as auxiliaries. Saki appears to be a light bomber or a transition training base. Karankut, Oktyabr'skoye, and Islam-Terek appear to be light bomber bases with a combined force of 109 Beagles. Kerch-Bagerovo Airfield, because of the variety of aircraft, the runway layout, the lack of individual revetted hardstands, and the more elaborate facilities could well be an air research and development center.

Table 1 presents various data on the air facilities observed, including plane counts. The total number of aircraft observed, by type, are as follows:

1 Bison	11-12 possible Fagots	1 Mop
1 Bear	6 Cabs	2 u/i twin-engine
1 Bull	6 possible Max	seaplanes
8 Badgers	1 Colt	1 u/i Seaplane
195 Beagles	2 Mules	1 Small blimp
60 Fagots	6 u/i single-engine type	

Approved For Release 2005/02/10 : CIA-RDP78T04753A000100160001-5

25X1

TOP SECRET —

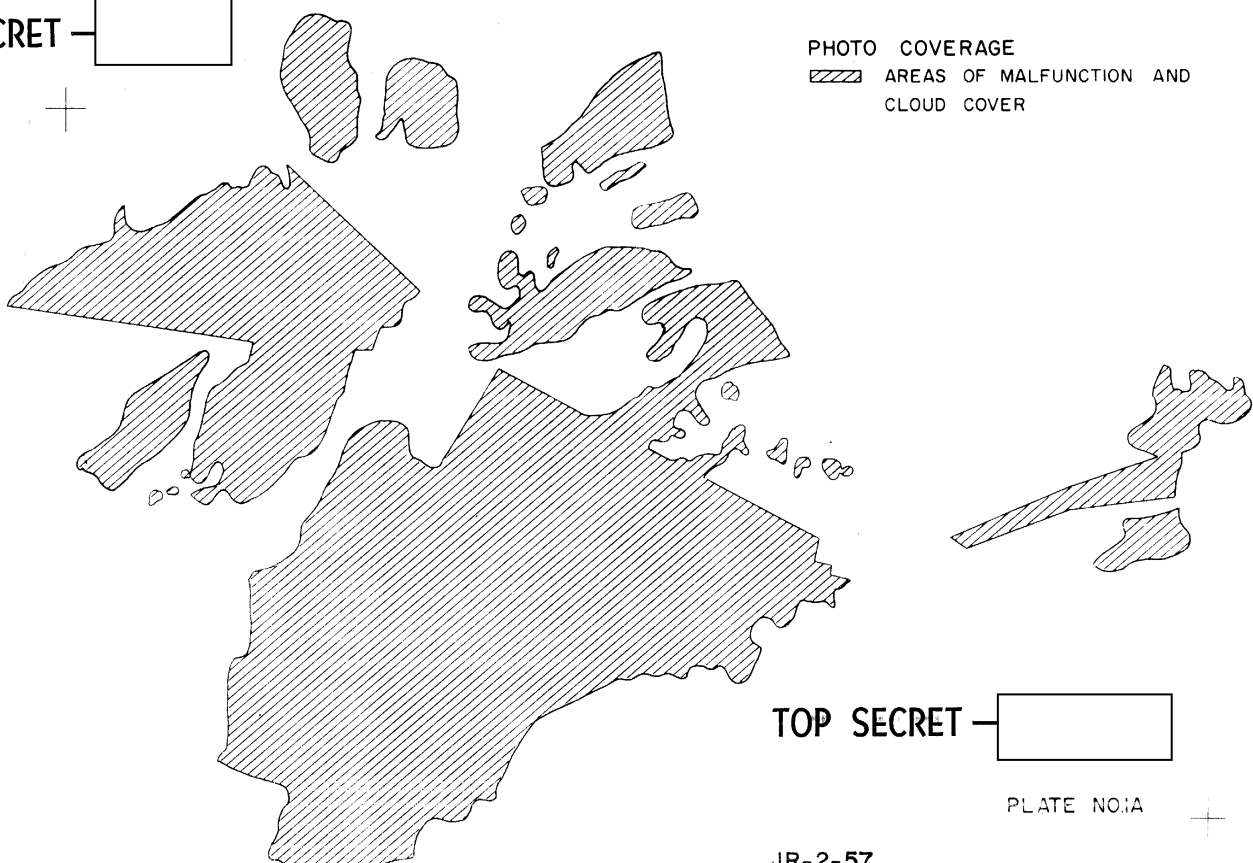
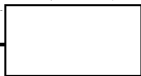


PHOTO COVERAGE

AREAS OF MALFUNCTION AND
CLOUD COVER

TOP SECRET —



25X1

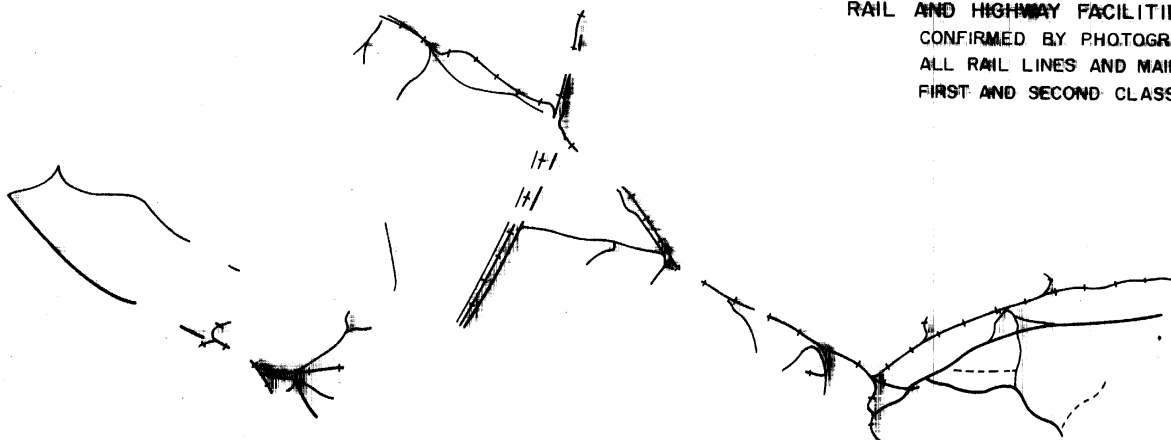
PLATE NO: A

Approved For Release 2005/02/10 : CIA-RDP78T04753A000100160001-5

IR-2-57

25X1

TOP SECRET -



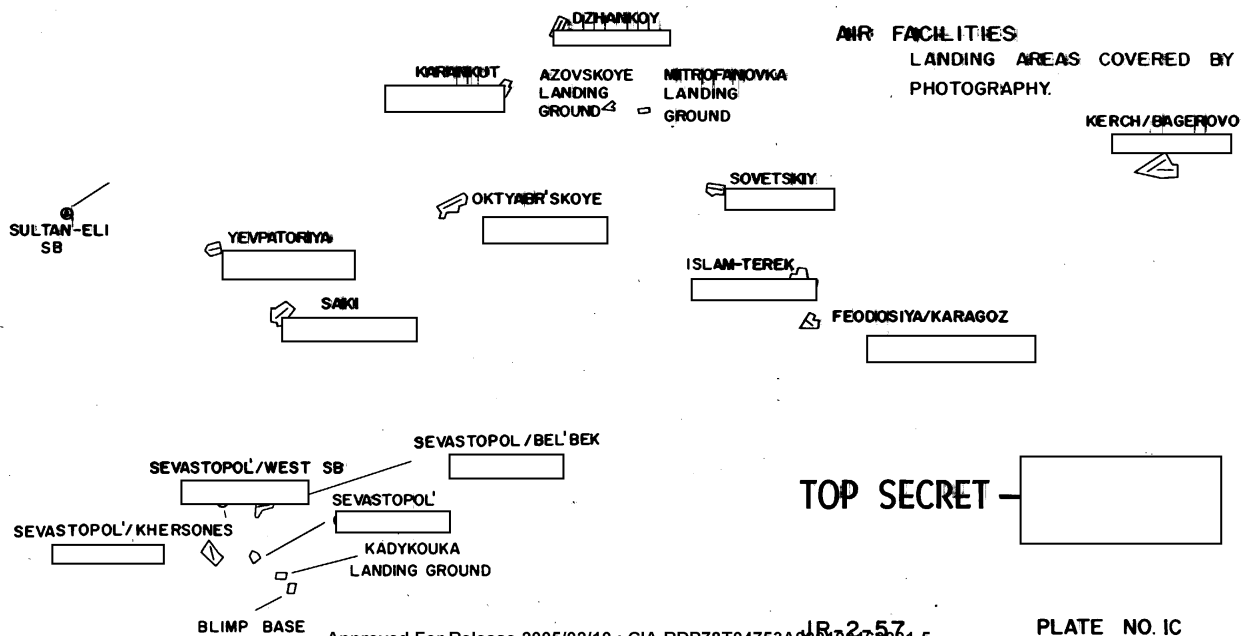
RAIL AND HIGHWAY FACILITIES
CONFIRMED BY PHOTOGRAPHY
ALL RAIL LINES AND MAINSPURS
FIRST AND SECOND CLASS ROADS.

TOP SECRET -

25X1

PLATE NO. 18

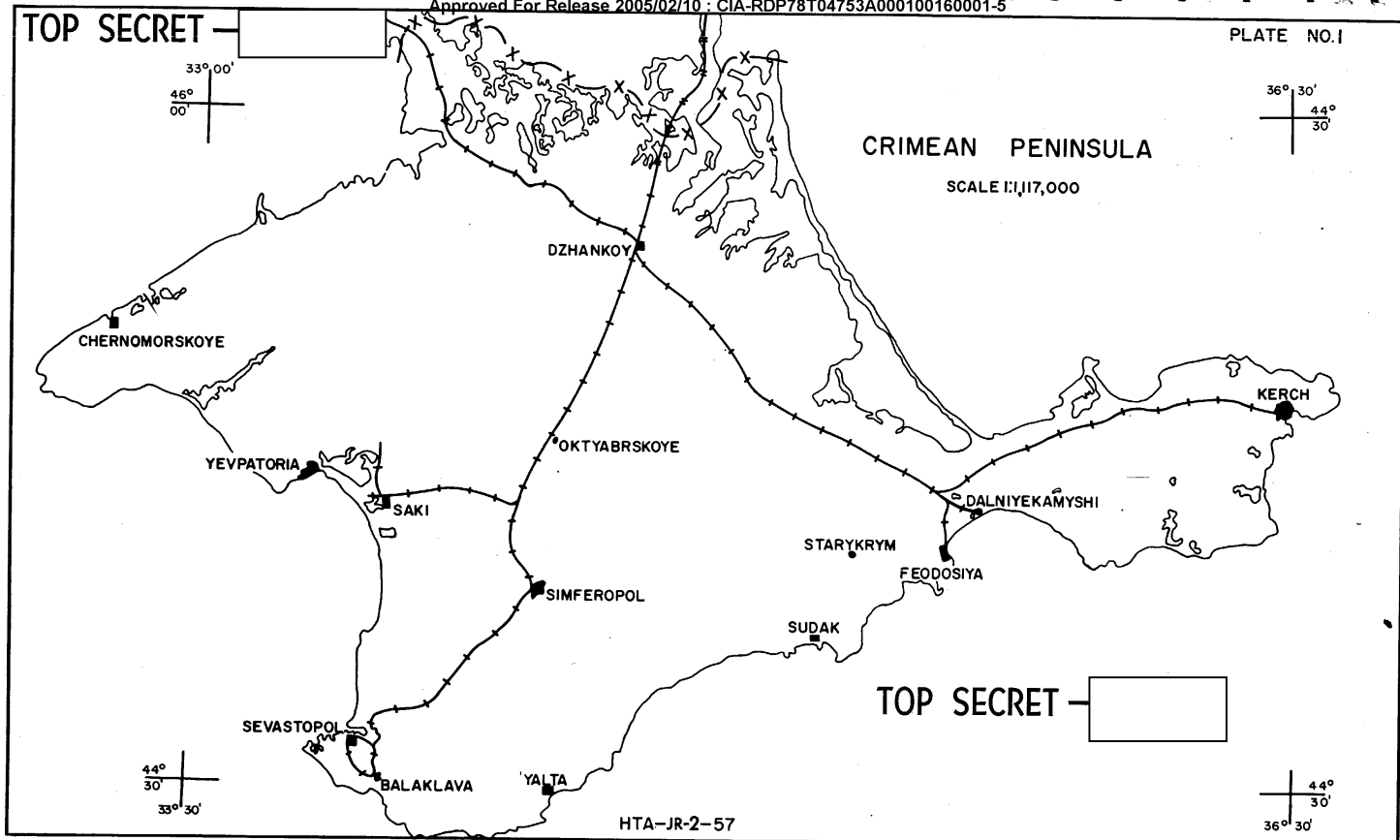
TOP SECRET



TOP SECRET

25X1

Approved For Release 2005/02/10 : CIA-RDP78T04753A000100160001-5



25X1

Approved For Release 2005/02/10 : CIA-RDP78T04753A000100160001-5

HTA/JR-2/57

Table 1. Air Facilities Observed on Crimean Peninsula

NAME	DIMENSIONS	CONSTRUCTION	A/C OBSERVED	VISIBILITY	PRIOR REPORTS
FEODOSIYA/KARAGOZ	Probably 6,400 x 200	Possible concrete	None	Heavy haze	NT-P000273
FEODOSIYA*					NT-P000277
KERCH/BAGEROVO	11,350 x 265	Concrete	1 Bison, 1 Bear, 1 Bull, 4 Cabs, 6 Badgers, 6 poss. Max, 5-6 poss. Fagots	Partial cloud cover	NT-P00042 DPIR A/F 97 (AF) CNO Imm 148
ISLAM-TEREK	Probably 8,200 x 275	Concrete	28 Beagles 2 Badgers 6 poss. Fagots	Partial cloud cover	NT-P000212 DPIR A/F 11 (AF)
YEVPA TORIYA	Probably 6,600 x 200	Possible concrete	None	Partial cloud cover and dark shadows	NT-P000333
DZHANKOY	6,600 x 200	Concrete	None	Partial cloud cover	NT-P0006 and 86 CNO Imm 46 DPIR A/F 90 (AF)
SEVASTOPOL/BEL'BEK	Probably 6,600 x 200	Probable concrete	None	Partial cloud cover and camera mal- function. 4700' visible.	None
KARANKUT	8,200 x 265	Concrete	56 Beagles 1 Cab	Partial cloud cover	NT-P00037 CNO Imm 147 DPIR A/F 56 (AF)
OKTYABRSKOYE	Probably 8,200 x 215	Concrete	25 Beagles	Partial cloud cover. No stereo.	NT-P000200 DPIR A/F 55 (AF)
SAKI	6,600 x 275 6,400 x 240	Concrete Sod	86 Beagles 1 U/I	Clear	NT-P000207 CIA/HTA/B28/56 DPIR A/F 56 (AF)

*Non-existent

25X1A

TOP SECRET

TOP SECRET 25X1

Table 1. Air Facilities Observed on Crimean Peninsula (Continued)

HTA/JR-2/57

NAME	DIMENSIONS	CONSTRUCTION	A/C OBSERVED	VISIBILITY	PRIOR REPORTS
SEVASTOPOL	3,000 x 2,300	Sod	1 Colt 5 U/I Liaison type	Clear	CNO Imm 157
SEVASTOPOL/ KHERSONES	5,900 x 185	Asphalt	26 Fagots 1 Cab	Clear	NT-P00048 DPIR A/F 84 (AF) CNO Imm 158
SEVASTOPOL/WEST	Seaplane Station		1 Mop 1 U/I Seaplane	Clear	CNO Imm 158 NT-P00049 SPIR A/F 4 (AF)
SEVASTOPOL/ KHERSONES*	Seaplane Station		None	Clear	SPIR A/F 4 (AF)
SOVETSKIY	6,600 x 170 6,600 x 400	Graded Earth Sod	34 Fagots	Partial cloud cover	SPIR A/F 4 (AF)
SULTAN-ELI**	Seaplane Station	Sod	2 Twin Engine Seaplanes	Clear	None
KADYKOVKA	Landing ground 1,700 x 600	Sod	2 Mules	Clear	None
AZOVSKOYE**	Landing ground 7,200 x 400 Overall area 11,500 x 250	Sod	None	Clear	None
MITROFANOVKA***	Landing ground at least 7,000 x 250	Sod	None	Partial cloud cover	None
BLIMP BASE BALAKLAVA	2 Masts		1 Blimp	Clear	None

*Non-existent

**Name provisional and official--nearest town.

***Name provisional and unofficial--nearest town.

TOP SECRET

25X1

HTA/JR-2/57

B. Naval Activity in Crimean Waters

One battleship, 4 light cruisers, more than 10 destroyers and escort vessels, and about 16 submarines, plus numerous other smaller naval craft were observed in Crimean water. This is a substantial part of the Black Sea fleet, which in 1951 reportedly consisted of 2 battleships, 2 heavy cruisers, one medium cruiser, 4 light cruisers, 21 destroyers and escort vessels, 72 submarines, plus patrol craft, mine layers, amphibious craft, and auxilliary vessels.

Naval craft observed are listed below. Commercial vessels observed are not listed in this report.

1. Vicinity of Feodosiya Bay

At anchor, Feodosiya--

- 1 - probable SKORYY CLASS DD
- 1 - u/i ship [REDACTED]
- 2 - possible SILNYY or GORDYY CLASS DD's
- 1 - u/i possible patrol vessel 185' x 25'
- 3 - patrol craft 180' x 20'
- 35 to 50 - small craft

At anchor, [REDACTED]

- 3 - PT's [REDACTED]
- 5 - PT's [REDACTED]

Under Way--

- 2 - T-43 CLASS MSF
- 2 - possible SS (periscope depth)
- 4 or more PT's
- 1 - possible CL 650' /

2. Vicinity of Kerch

Under Way--

- 2 - probable T-43 CLASS MSF
- 1 - u/i ship 320' x 65'

3. Vicinity of Yalta

Under Way--

- 3 - Riga or Kola Class DDE's escorting
- 1 - probable SVERDLOV CLASS CL

4. Sevastopol Waters

At anchor, Sevastopol

- 1 - probable SKORYY CLASS DD

25X1

TOP SECRET

25X1

HTA/JR-2/57

- 1 - probable KERCH (ex-It. DUCA D'AOSTA) CL (in drydock)
- 1 - possible YASTREB CLASS DC
- 4 - possible "W" CLASS SS
- 1 - possible "L-1" CLASS SS
- 1 - possible [redacted]
- 1 - possible "M-1" or "M-2" SS
- 2 - possible T-43 MSF
- 1 - possible [redacted]
- 4 - patrol craft, 215' x 30', 210' x 30', 180' x 25', and 140'
- 32 - small naval craft
- 1 - SLAVA whaling ship (tied up at naval base)

At anchor, Sevastopol PT Boat Pens [redacted] 25X1A

19 - [redacted]

At anchor, Sevastopol Port Facilities, Streletskaya [redacted] 25X1A

- 1 - possible YASTREB CLASS (280') DC
- 1 - patrol craft [redacted]
- 5 - probable ARTILLERIST CLASS PC

At anchor, Kamyshevaya Bukhta--

8 - [redacted] PT's

Under Way--

- 1 - probable SVERDLOV CLASS CL
- 1 - probable SKORYY CLASS DD
- 1 - patrol craft 215'
- 3 - patrol craft 140'
- 4 - PT Boats
- 1 - probable "W" CLASS SS

5. Balaklava

At anchor--

- 1 - probable "W" CLASS SS
- 2 - 210' SS
- 1 - 160' SS
- 2 - probable "M-1" or "M-2" CLASS SS
- 1 - possible [redacted]
- 1 - auxiliary [redacted]
- 1 - u/i 170' x 30'
- 1 - u/i [redacted]
- 2 - T-43 CLASS MSF
- 1 - auxiliary [redacted]
- 1 - auxiliary 210' x 30'
- 1 - u/i 170' x 20'
- 1 - u/i [redacted]

25X1A

25X1

TOP SECRET

25X1

HTA/JR-2/57

1 - u/i []
28 - miscellaneous small craft

6. Chernomorskoye

At anchor--

22 - possible PT []
1 - possible PT []
3 - u/i []
1 - u/i []
1 - u/i 235' x 30'
1 - u/i []

C. Other Military Activity

Army installations observed, consisting mostly of AA defenses, and electronic installations, are listed under the individual area descriptions.

D. Rail and Road Transportation

Plate 1B, an overlay to the map, Plate 1, shows rail and highway facilities confirmed by photography. Portions of rail lines observed coincide with those indicated on current maps with no major changes apparent.

Considerable change has occurred in road routes and quality of surfacing. A new north-south 20-foot-wide highway runs down the middle of the Crimea, paralleling the Melitopol-Sevastopol rail line on the east side. It appears to be all-weather and is traceable on photography for more than 50 miles from the Sivash Sea to south of Oktyabr'skoye.

An improved highway runs from Yevpatoria to Chernomorskoye. It appears to be all-weather and 15 to 20 feet wide. The Feodosiya-Kerch and Sevastopol-Balaklava highways have also been improved. In addition to having improved surfacing the routes have been straightened and shortened at several points.

E. Electric Power Facilities

The only high tension transmission lines observed appeared to emanate from a power source in Sevastopol and to supply the local environs. The electric power facilities observed tend to indicate a system of local power supplies, and there was no indication of a major power grid. All installations observed were either thermal or diesel plants.

F. Other Industry

Only three industrial installations of any significance were observed. These were the chemical plant in Saki which has doubled in size since World War II, the Torpedo Plant at Dalnye Kamyshi, which is discussed in detail in the area description, and the Iron Foundry at Feodosiya which is in operation but partially cloud covered precluding any further observations.

25X1

TOP SECRET

25X1

HTA/JR-2/57

III. AREA SUMMARIES

A. Sevastopol - Balaklava Area

1. Sevastopol (Plate No. 2)

There has been considerable expansion and development at Sevastopol since World War II. A camera malfunction limits study to the portion of the city southwest of the port area. Tracker coverage, however, indicates the same degree of development on the north side of the port area, but scale precludes identification of installations. A list of installations in the Sevastopol area as annotated on Plate No. 2 follows:

1. Artillery Position (44°36'32"N/33°28'33"E). Coastal defense position is no longer in serviceable condition. There is a possible light or medium AAA position at this point.

2. Artillery Positions (44°36'20"N/33°29'24"E). Slightly damaged in World War II and are not presently occupied.

3. Former Monastery (44°36'30"N/33°29'35"E). Used during World War II as billets for coastal defense forces. Church is partially destroyed but smaller buildings are in useable condition.

4. Military Barracks (44°36'15"N/33°29'30"E). No appreciable change since World War II. Some smaller buildings have been replaced.

5. Sevastopol Torpedo Boat Pens (44°36'25"N/33°30'10"E)
[] In good condition with only minor changes since World War II. For a more detailed analysis of the installation see CNO Immediate PI Report 000154.

6. Military Area (44°36'40"N/33°30'30"E). Primarily a coastal defense site during World War II. One of the two positions has been destroyed, but the 6-gun position on the center projection of land is in useable condition. A probable military barracks area has been constructed since World War II on the remainder of the area. There are four large multi-story residential type buildings, three long vehicle sheds, and storage buildings.

7. Sevastopol Port Facilities, Streletskaia (44°36'05"N/33°28'25"E) [] Heavy damage to this area during World War II has been repaired, except for two dry-docks on the southeast edge of the bay. It is presently handling small naval and cargo vessels. See CNO Immediate PI Report 000156.

8. Military Barracks Area (44°36'10"N/33°28'40"E).

a. This portion was heavily damaged during World War II. Many of the old building have been renovated,

25X1

TOP SECRET

25X1

HTA/JR-2/57

but several large buildings have been constructed in place of other old structures. There are 12 barracks, five large administrative and possible barracks buildings, and several storage buildings.

b. The 18 barracks and apartment-type buildings in this area have been added since World War II.

c. The seven barracks in the area constructed since World War II.

9. Possible Electronics Installation (44°36'15"N/33°29'00"E). Small fenced area contains four buildings which have been constructed since World War II.

10. AAA Position (44°36'00"N/33°29'35"E). Position contains eight unoccupied anti-aircraft artillery emplacements.

11. Ammunition Storage (44°36'10"N/33°29'50"E). Consists of eight underground ammunition storage bunkers and two revetted buildings, unchanged since World War II.

12. Cemetery (44°36'00"N/33°30'30"E).

13. Possible Military Barracks Area (44°36'00"N/33°30'40"E). Twenty-six possible barracks, administration, and storage buildings, constructed since World War II.

14. Unidentified Buildings (44°36'00"N/33°30'40"E). Three large multi-story, multi-winged buildings within a walled area have been constructed since World War II.

15. Possible Military Barracks (44°35'35"N/33°30'50"E). Twenty-one barracks, apartments, vehicle sheds, and storage buildings have been constructed since World War II.

16. Naval Barracks Area (44°35'40"N/33°30'50"E). Consists of 15 barracks. One small barracks has been removed since World War II.

17. Civilian Prison (44°35'50"N/33°31'05"E). Area unchanged.

18. City Hospital (44°35'00"N/33°31'10"E). The multi-winged main building, and one other small building have been renovated since World War II damage. All other buildings were razed and replaced by two large buildings and several small administrative and residential buildings.

19. Sevastopol Government Control Center (44°36'30"N/33°31'30"E) [redacted] This area of Sevastopol contains the military, government, and party control agencies. Naval HQ Black Sea Fleet [redacted] is located in the center.

25X1

TOP SECRET

HTA/JR-2/57

Reconstruction after the very heavy damage incurred during World War II does not follow the previous building plan.

20. Possible Sevastopol Electric Equipment Plant (44° 36'40"N/33°31'00"E). Single building undamaged through World War II.

21. Port Facilities, Artilleriyskaya (44°36'40"N/33°31'20"E). The bay of Artilleriyskaya is used as a harbor for small boats. Facilities are at a minimum. A concrete quay extends part way around the bay. A large pier has been constructed since World War II.

22. Sevastopol Port Facilities, South Bay (44°36'00"N/33°31'50"E) [] The most extensive commercial port facilities in Sevastopol; completely reconstructed after World War II. However, no expansion noted. See CNO Immediate PI Reports 000143 and 000155.

23. Sevastopol Naval Base and Shipyard (44°36'30"N/33°32'10"E) [] World War II damage has been repaired, but facilities have not been expanded. See CNO Immediate PI Reports 000143 and 000153.

24. Sevastopol Thermal Power Plant "SEVMORZAVOD" (44°36'30"N/33°32'05"E) [] Plant has been completely reconstructed since World War II.

25. Naval School (44°36'20"N/33°32'20"E). Eight of the original barracks and classroom buildings of this installation have been reconstructed since World War II. There is also one new building.

26. Naval School Training Base (44°36'45"N/33°31'40"E). Base for training ships used by Naval School, Item 25. Poor quality of photography precludes interpretation.

27. Port Facilities (44°36'55"N/33°31'40"E). Poor quality of photography precludes interpretation.

28. Probable garage for City Transit System (44°35'24"N/33°31'10"E). Walled area of 116,000 square feet contains a long vehicle shed and a maintenance garage. Several transit vehicles are noted within the area. Constructed since World War II.

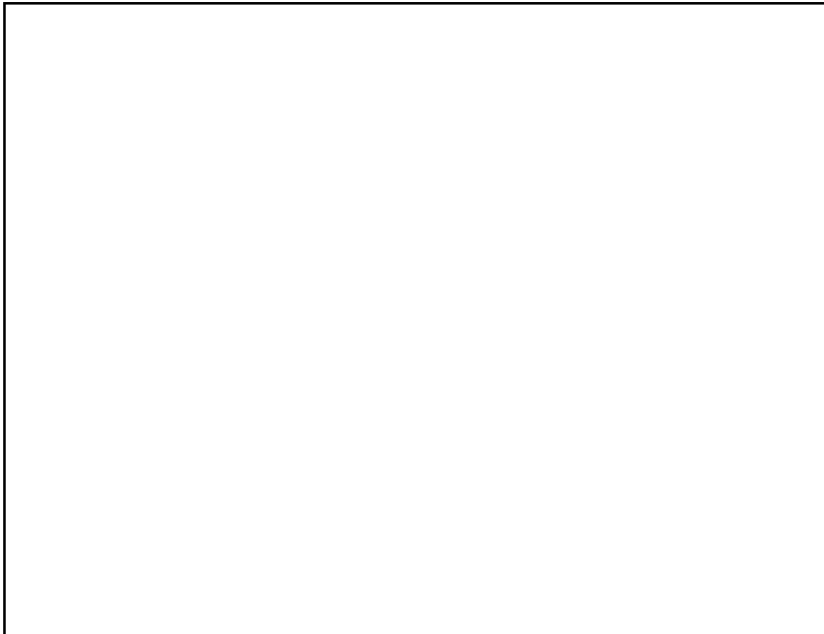
29. Vehicle Repair Plant (44°35'15"N/33°31'00"E). Prior to World War II this was the city's main vehicle repair plant. War damage has been repaired, and plant is probably engaged in same activity. Probably associated with Item 28.

TOP SECRET

25X1



25X1B

HTA/JR-2/57



34. Possible Military Installation (44°35'30"N/33°30'40"E). A large installation has been constructed adjacent to Sevastopol Airfield since World War II.

- a. This fenced section of the installation contains seven barracks and administration buildings and numerous storage buildings.
- b. Probable barracks area containing seven multi-story barracks-type buildings.
- c. Area contains eight small barracks or storage buildings and a small motor vehicle pool.
- d. Walled area containing a fabrication building and numerous parked vehicles.
- e. Motor vehicle pool with one maintenance garage and two vehicle sheds. Many vehicles, probable trucks, are visible.

35. Sevastopol Airfield (44°34'35"N/33°31'10"E)   A commercial airfield of minor importance. See Table 1. See also CNO Immediate PI Report 000157.

25X1A

36. Possible Water Reservoir and Pumping Station (44°34'50"N/33°31'15"E). Installation is similar to Item 12, Plate No. 4, and is connected to Item 46 by a pipe line. Has been constructed since World War II and consists of a possible covered reservoir and a small shed.

25X1

TOP SECRET

25X1

HTA/JR-2/57

37. AAA Position (44°35'45"N/33°32'30"E). Position is probably occupied by eight guns.

38. Probable Barracks Area (44°35'50"N/33°32'30"E). Consists of 13 barracks-type and two administration buildings.

39. Probable Naval School (44°30'05"N/33°32'25"E). Not completely reconstructed after World War II. Three of the multi-story barracks and two administration and classroom buildings were renovated. Several small storage buildings are also present.

40. Central Transformer Station (44°36'10"N/33°32'30"E). Control building and transformer yard are unchanged.

41. Industrial Area (44°35'30"N/33°31'45"E). Consists of several small industrial buildings. Probably unchanged since World War II.

42. Sevastopol Railroad Station and Yards (44°35'35"N/33°31'55"E) [redacted] Damage of World War II repaired, but no expansion noted. See CIA/HTA-M27-57.

43. Possible Foundry (44°35'20"N/33°32'00"E). An industrial area with three factory buildings and two storage buildings constructed since World War II.

45. Storage Area (44°35'35"N/33°32'25"E). Reported to be a military storage area for food and signal equipment. No change since World War II.

46. Water Pumping Station (44°34'50"N/33°33'00"E). Consists of four buried reservoirs and three possible pump houses. Unchanged since World War II.

2. Balaklava (Plate No. 3)

The town of Balaklava was almost completely destroyed in World War II. [redacted] shows substantial reconstruction and extensive new construction. A description of installations in the Balaklava area follows:

A. Probable Crushing Plant and Quarry (44°30'45"N/33°34'50"E). This quarry, although not new, has been expanded since World War II and the entire operation now covers approximately 93 acres. Numerous facilities such as a crushing building, warehouses, and a separately fenced probable explosive storage area have been constructed. A rail spur connects the quarry with the Balaklava-Sevastopol railroad.

25X1

TOP SECRET

25X1

HTA/JR-2/57

B. Basic Raw Materials Processing Plant and Quarry (44°30'45"N/33°36'40"E). Completely constructed since World War II. Covers an area of approximately 100 acres and consists of a large, separately fenced, raw materials processing building approximately 1,075 feet in length; a separately fenced probable apartment housing area; a separately fenced warehouse and quarry; and an open pit mining area.

C. Limestone Processing Plant and Quarry (44°30'05"N/33°35'50"E). Expanded since World War II and now covers approximately 195 acres. A large processing building with related facilities has been constructed and a separately fenced probable explosive storage area has been rebuilt and expanded. The plant is served by road and the Balaklava-Sevastopol railroad.

D. Balaklava Naval Base and Ship Repair Yard (44°29'55"N/33°35'55"E) [REDACTED] Most of the Naval and Shipping facilities at Balaklava were destroyed during World War II. Since that time, however, the facilities have been rebuilt, a few small additional buildings have been constructed, and some minor improvements made in the ship repair yard. The Balaklava Torpedo Storage Area [REDACTED] lies on the west side of the harbor in the naval base adjacent to the outermost quay. It appears cut into the hill at this point. Twenty-two vessels 75' to 240' in length (including six submarines) and numerous smaller craft are within the harbor. Possible naval barracks immediately north of the naval base have been rebuilt and new buildings constructed. It cannot be determined whether they are presently occupied by military personnel.

E. Diesel Power Plant (44°30'10"N/33°36'00"E) [REDACTED] [REDACTED] Collateral information indicates that a diesel power plant is located in approximately the area outlined on Plate 3. This cannot be confirmed from photography.

F. Military Installation (44°29'30"N/33°35'20"E). Completely constructed since World War II. It covers an area of approximately 88 acres and consists of large permanent-type buildings, hutted camp-type buildings, and large warehouses.

G. Balaklava Naval Base Entrance, Balaklava Bay (44°29'30"N/33°35'45"E) [REDACTED]. Two nets, one at the entrance to Balaklava Bay and one near the narrowest point of the Bay and just inside the entrance, protect the harbor.

H. Blimp Port (44°29'50"N/33°37'05"E). Covering approximately 10 1/2 acres, this blimp port has been constructed since World War II. It consists of a blimp landing area, a

25X1

TOP SECRET

25X1

HTA/JR-2/57

blimp mooring area (large enough for one blimp), and approximately six buildings. A blimp measuring approximately [] is moored within the installation.

3. Sevastopol - Balaklava Environs (Plate No. 4)

This section covers the area between Sevastopol and Balaklava, and the peninsula to the west. Most of this area seems to be primarily military. A list of installations as annotated on Plate No. 4 follows:

1. Reported Radio Station. Two buildings are located in a small compound.
2. Probable Water Pumping Station (44°35'25"N/33°26'15"E). Constructed since World War II, this water pumping station contains a buried reservoir and serves the port facilities, Item 21.
3. Sevastopol/West Seaplane Station (44°35'50"N/33°27'10"E) ([]) Located in Kruglaya Bay. Facilities have been reconstructed since World War II. Present are two concrete ramps, three hangars, two barracks, a vehicle shed, and numerous small buildings. Two possible small aircraft are visible.
4. Port Facilities (44°35'50"N/33°28'05"E). Damage incurred during World War II has been repaired.
5. Transformer Station. Consists of a fenced area with two buildings and a transformer yard.
6. Water Pumping Station (44°34'45"N/33°21'30"E).
7. Military Storage Installation (44°34'10"N/33°29'15"E). Fenced area measures approximately 2200' x 1000'. Most of the buildings were present on World War II photography or have been rebuilt. The installation presently consists of five warehouses, three probable motor transport sheds, one long L-shaped building and three small miscellaneous buildings.
8. Reported Naval Radio School and Radio Station (44°33'55"N/33°29'55"E). The school is situated in an area approximately 1150' x 930' at the northwest end of the installation. It includes one permanent-type administration building, a vehicle parking area, one storage building, three other large possible classroom buildings, approximately four barracks, various miscellaneous smaller buildings, and a sports field. The reported radio station occupies an area approximately 940' x 1250' in the center of the installation and consists of a possible transmitter/receiver building, possible open water supply, a permanent-type barracks or

25X1

TOP SECRET

HTA/JR-2/57

administration building, and approximately six other buildings. A possible antenna farm occupies the east end of the installation.

9. Storage and Vehicle Parking Area (44°33'45"N/33°31'15"E). Constructed since World War II. Consists of two fenced areas having over-all dimensions of approximately 1200' x 760'. One is a vehicle parking area and contains three motor transport sheds or storage buildings, one other building, and numerous vehicles of various sizes. The other fenced area consists of two warehouses and one motor transport shed or storage building. One of the warehouses is new since World War II.

10. Possible Electronic Site. Consists of a possible vehicle shed, one small building, approximately seven vehicles, revetments, and disturbed earth on hill.

11. Possible Pumping Station (44°34'45"N/33°34'00"E). Constructed since World War II and consists of one building or covered reservoir and two small buildings.

12. Military Installation (44°34'30"N/33°35'55"E). Covers approximately 130 acres and consists of three large and two smaller permanent-type buildings, nine small probable quarters buildings, possible transmitter buildings, an open vehicle parking area presently occupied with vehicles, and small miscellaneous buildings. Constructed since World War II.

13. Military Installation (44°32'55"N/33°33'40"E). Covers approximately 240 acres. One section consists of a large hangar/warehouse-type building and approximately eight other buildings. All present buildings have been constructed since World War II.

15. Transformer Station (44°34'20"N/33°36'45"E). Consists of one permanent-type building, two or three small miscellaneous buildings, and a transformer yard, all within a fence. Probably existed during World War II.

16. Novyye-Shuli Railroad Station (44°34'25"N/33°36'55"E). A walled area approximately 3000' x 500' containing a probable rail siding, a railroad station building and 13 other warehouses and miscellaneous type buildings. Substantial construction since World War II.

TOP SECRET

25X1

HTA/JR-2/57

17. Military Installation (44°32'25"N/33°35'30"E). Built since World War II. A fenced area of approximately 108 acres containing two probable warehouses, two probable motor transport sheds, one large and one small vehicle and equipment parking areas, a large U-shaped building, two barracks, and other related buildings.

18. Kadykovka Airfield (44°31'40"N/33°36'10"E). A sod airfield established since World War II. It covers an area of approximately 26 acres with an approximate run of 1700'. Two Mule aircraft were on the field.

19. Sevastopol/Khersones Airfield (44°34'N/33°24'E)

25X1A [] A fighter defense base with 26 Fagots observable.

20. Sevastopol/Khersones Seaplane Station (44°34'05"N/33°24'55"E) [] There is no indication on the photography that this installation exists.

21. Port Facilities (44°34'35"N/33°26'06"E). The port facilities on the east side of Kamyshevaya Bay have been reconstructed and expanded since World War II. A pier and a mole have been added and the quay is somewhat longer. The former buildings have been replaced. There are now 32 family residences, 16 multi-story barracks or apartment buildings, several administrative buildings, and numerous small storage buildings. Three floating cranes serve the area which is presently occupied by several small cargo vessels, seven or eight PT boats, and two submarines berthed at the mouth of the Bay.

22. Military Installation. A former coastal artillery fort is located on the coastal road approximately 5.8 statute miles west of Item 35. See CIA/HTA-M13-57 for detailed description of this installation.

23. Large Military Installatinn (44°32'45"N/33°26'30"E). Total area is 5800' x 3300' divided into three sections--permanent building area, tent area, and training area. The building area consists of approximately 18 barracks, administration, and storage and motor transport buildings plus some smaller miscellaneous buildings and a sports field. Two buildings have been constructed since World War II. A group of other buildings present during World War II has been destroyed. Also present is a large vehicle and equipment parking area with over 150 vehicles, mostly trucks of various sizes, and numerous pieces of artillery. The tent area contains approximately 250 tents, some of which do not appear to be in use, four small administration or latrine buildings, and some vehicles. The area on the south side of the building and tent areas appears to be used for training. An 8-gun A/A battery is on the east side of the tent area.

25X1

TOP SECRET

25X1

HTA/JR-2/57

24. Possible Electronic Site (44°33'30"N/33°23'35"E). Present are two revetments with vehicles, one circular revetment containing an unidentified object, several other unidentified objects, and one small building.

25. Probable Electronic Installation (44°31'30"N/33°27'50"E). Fenced installation measures 1250' x 850' and contains one very large permanent-type building, one medium-size permanent-type building, approximately five small buildings, several possible stick masts and a Token radar with associated equipment. Four houses within a fenced area are located across the road north of the installation.



27. Probable Transformer Station (44°31'40"N/33°30'15"E). Constructed since World War II. Consists of two buildings.

28. Military Headquarters Installation (44°31'20"N/33°29'15"E). This fenced installation, constructed since World War II, covers an area of approximately 26 acres. It consists of five permanent-type barracks, two large U-shaped probable administration buildings, and 11 other miscellaneous buildings. There is a large soviet star symbol on the ground. A road has been constructed since World War II leading from this installation to main coastal road.

29. Military Area (44°31'10"N/33°28'40"E). This small area contains the following installations, whose relationship to one another is not apparent.

- a. A fenced area covering approximately 62,500 square feet containing one large permanent-type building, one long possible vehicle shed, and two other small buildings or sheds.
- b. A small fenced area enclosing one building.
- c. One large building.
- d. A 6-gun A/A battery with seven circular revetments and numerous tents.
- e. An unidentified area, possibly for storage, containing two small buildings.

25X1

TOP SECRET

25X1

HTA/JR-2/57

30. Coastal Defense Position. Unoccupied.

31. Military Installation (44°30'40"N/33°29'55"E). Covers approximately 11 acres and contains one large and two smaller permanent-type barracks or administration buildings and miscellaneous small buildings. Destroyed during World War II and rebuilt.



33. Coastal Defense Position. Consists of four bunkers.

34. Military Installation (44°30'20"N/33°30'45"E). This installation, substantially new since World War II, covers an area of approximately 150 acres. About two-thirds of the area is occupied by administration buildings, barracks, warehouses, a vehicle parking section, an open storage section, and an individual housing section. Track activity is present in the area not occupied by buildings.

35. Probable Missile Launching Installation (44°30'N/33°32'E). Triple fenced area covers approximately 1000 acres. Consists of two probable missile launching pads and related facilities. See CIA/HTA-M13-57 for detailed analysis of this installation.

36. Possible Military Installation (44°29'30"N/33°39'05"E). Buildings existed within this area during World War II. The installation presently covers approximately 35 acres and consists of a barracks or administration building, two warehouses, two possible warehouses or vehicle sheds, and approximately eight small buildings of various types. A transmission line leads into and out of the installation.

The area covered by Plate No. 4 does not include Sevastopol/Belebek Airfield. Partial cloud cover and a blurred image precludes detailed description of this field. However, the portion of the runway visible indicates an all-weather, permanent runway and taxiway system. Length is not determinable but having been previously reported as a fighter base, it may be assumed to be at least in the 6,600' class.

B. Kerch Peninsula

1. Probable Guided Missile Test Range (Plate Nos. 5, 6, and 7)

The area occupied by the range appears to include over 300 square miles. The area has sparse vegetation and contains a number of shallow lakes which are probably saline. It lies on the south side of the peninsula between Feodosiya and Kerch and faces the Black Sea, which provides

TOP SECRET

25X1

TOP SECRET

25X1

HTA/JR-2/57

an expanse of water 200 miles to the south and 320 miles to the southeast. An east-west ridge line dividing the peninsula probably serves as a natural boundry on the north.

There are no identifiable fence lines and it is evident that the fields within the outlined area on Plate No. 5 have not been cultivated for some time. In addition, most villages formerly within the confines of this area have been leveled and the remainder may be occupied by personnel working on the range. No apparent attempt has been made to camouflage the area. Several individual installations within the area are surrounded by security fences or walls.

The nearest rail service is the Feodosiya-Kerch rail line which passes through Sem'kolodezey 20 miles NNW of a possible launching site (Item A, Plate No. 6). This town has grown in size and the rail facilities have been expanded since World War II. A 22-mile road from Sem'kolodezey to Karangit has been improved and now appears hard-topped most of the way. Another road of about 28 miles, still partially under construction, joins the site with a storage and test area and the Feodosiya-Kerch highway near Dalniye Kamyshi. Dashed lines on the map (Plate No. 5) appear to be improved natural surface roads. In addition there are numerous 4th class unimproved natural surface roads.

A possible missile launching site, located at 45°02'N/35°57'E), is approximately 2,200' x 850' in size and appears to be surrounded by a wall (Item A, Plate No. 6). The villages of both Dyrman and Karangit were formerly located in this immediate area. A probable launching pad about 195' square is located at the eastern end of the site. Other items of interest in the area, as annotated on Plate No. 6, are a probable storage area on the bluff above the launching site (B), a probable administrative area (C), and a walled shop and storage area (D). This site and the immediate surrounding area are described in AF SPIR No. 5 and NT-PX00045.

A possible test and storage area (Plate No. 5 and 7) lies inside the range near Dalniye Kamyshi and is briefly described in Navy report NT-PX00041. As annotated on Plate No. 7 it consists of a double-fenced security area 3090' x 960' (A), two double revetted possible storage areas (B), a possible test bed or track (C), a walled security area 200' x 200' with probable workshops (D), and a probable administrative area (E).

A possible underground storage area, still under construction, is situated adjacent to the Sem'kolodezey road near the northern edge of the range (see Plate No. 5).

About eight miles south of Sem'kolodezey there is a possible electronic site (Plate No. 5). It appears to consist of one lattice tower over 200 feet high and two small buildings approximately 25' x 30'. There are what appear to be six tracking stations along the coast south and west of the launching site. Three of these are annotated as E, F, and G on Plate No. 6, and all six stations are indicated as dots on Plate No. 5.

TOP SECRET

25X1

TOP SECRET

25X1

HTA/JR-2/57

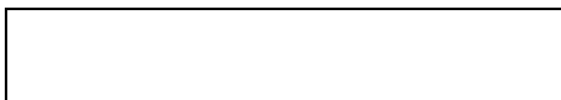
2. Feodosiya - Dalniye Kamyshe Areaa. Feodosiya

There has been considerable expansion of the city in addition to reconstruction of World War II damage. Much of this expansion has been of an industrial nature. Previous reports covering this area include Navy NT-P00022 and CNO Immediate 000151. A list of installations in the area, as annotated on Plate No. 8, follows:

A. Feodosiya Petroleum Storage [REDACTED] Partial cloud cover obliterates storage facilities. Six to eight buildings visible.

25X1A

B. Reported location of a torpedo experimental plant. Shadows and clouds preclude identification.



E. Storage area. Five warehouse-type buildings in a walled compound.

F. Feodosiya Railroad Station, Yards and Shops, North



G. Feodosiya POL Dock [REDACTED]. Has four storage tanks and a pier approximately 425' in length.

25X1A

H. Feodosiya Iron Foundry [REDACTED] Partially obscured by cloud. Appears in operation.

25X1A

J. Reported location of Naval Officers' billeting. Area approximately 800' x 800'.

K. Feodosiya RR Station and Yards, South [REDACTED] Image slightly blurred. Installation appears unchanged.

25X1A

L. Feodosiya Port Facilities [REDACTED]. Destroyed buildings have been replaced, the mole repaired, and the breakwater reconstructed as a mole with a portion being more than 40' in width (see Item P). Reports covering this facility, including shipping, are Navy Immediates 000150 and 000151, and NT-P00022.

25X1A

M. Feodosiya Diesel Power Plant, Municipal [REDACTED]. A building approximately 140' x 20' is located at the site reported to be the power plant.

25X1A

N. Feodosiya Mobile Power Plant [REDACTED] Although area is visible location cannot be verified.

25X1A

TOP SECRET

25X1

TOP SECRET

25X1

HTA/JR-2/57

25X1A P. Feodosiya Naval Base [REDACTED]. The Naval base has been expanded to include the new mole.

25X1A Q. Feodosiya Approaches, Feodosiyskaya Bukhta (Bay) [REDACTED] Mining target.

R. Reported location of a Naval submariner's school. Several new buildings noted adjacent to harbor basin.

25X1B [REDACTED]

25X1A The following two items are not annotated. Feodosiya Air Force School ([REDACTED]) is reported in area, but cannot be pinpointed. Feodosiya Airfield ([REDACTED]) does not exist.

25X1A b. Feodosiya Torpedo Plant Dalniye Kamyschi [REDACTED]

Official Soviet name given this factory is "YUSHNAYATOTSHKA". Navy Summary report NT-PX00042, CNO Immediate 000152, and CIA/HTA-B60-56 cover this installation. The plant is rail served. The spurs entering the installation appear depressed below ground level. Collateral information indicates the offshore area is particularly deep at this point. There has been a suggested relationship between activity in this area and at Swinoujscie (Swinemunde), Poland with reference to towed missile launchers. Rockets or missiles have been to rise from the water in Feodosiya Bay at night.

Components of the Torpedo Plant (Item A), as annotated on Plate No. 9, follow. Item B consists of housing for operating personnel.

1. Main Assembly or Fabrication Shop. Collateral reports indicate it has a 24" thick concrete floor, suggestive of heavy industrial operations. Probably also has overhead travelling cranes.

2. Light Manufacturing-Type Shop. Possibly used for the manufacture of fine instruments needed for torpedoes.

3. Probable Foundry. Collateral reported a foundry in this area.

4. Machine Shop. This building was reported as a three-story structure with a machine shop on the first floor and office space on the two upper floors. This building was also said to have a deep basement.

5. Probable Administration Buildings.

6. Possible Power or Heating Plant. What appears to be a large coal pile lies on the east side of plant. A conveyor carries the material into the building.

25X1D 7. Tidal Basin. Two types of PT boats are in the basin. One is [REDACTED]

25X1

TOP SECRET

25X1

HTA/JR-2/57

8. Hammerhead Crane. Has a horizontal counterbalance arm about 80' in length and stands 25' above the quay.

9. Probable Motor Pool.

10. Open Assembly Area. Unidentified craft, dimensions approximately [] under construction. Appear to resemble submarines.

c. Possible Missile Launching Site at Dalniye Kamyshi (Plate No. 10)

This installation consists of an administrative and personnel area (B, 2); a storage and shop area (B, 1); an unidentified circular platform or tank (D); a motor pool with six to eight trucks present (C); four concrete pads (A); and a rail siding which appears to be under construction (E). The administrative and personnel area consists of six large multi-story buildings and several small buildings. The storage and shop area consists of three large and three small buildings, and foundations for five more. The circular platform or tank is 60' in diameter and is centered in what appears to be a fenced area 135' square. Adjacent to the circular object is a [] building. A trench or canal connects the area with the lake to the south. The motor pool lies immediately west of the circular object. The four concrete pads, each approximately 30' in diameter, lie west of the main body of the installation, and are possibly missile launch pads. They are revetted on two sides and have a dark object in the center. No electronic installations appear to be affiliated with the site. This site was previously reported in Navy Summary NT-PX00039.

d. Feodosiya Torpedo Test Station at Two Anchor Bay on Mys Kiik Atlama (Plate No. 12)

This Ex-German installation has been rebuilt and expanded. Cloud cover precludes a comprehensive report. However, visible areas support previously unevaluated collateral reports of expanded facilities.



Two probable submarines were observed in operation in Feodosiya Bay. The net or fence (Item 8 below) plus a probable double recovery net towed by two T-43 class minesweepers near the test station indicate that sea trials or training is underway in the area. Components of the Test Station, as annotated on Plate No. 12, follow:

- A. Torpedo Station
- B. Housing
- C. Underground Storage

25X1

TOP SECRET

25X1

HTA/JR-2/57

25X1D

1. Road to Feodosiya [] wide, asphalt surface.

2. Machine shops, steel frame buildings, concrete facing and overhead conveyors.

3. Machine shop site (foundation only).

4. Firing pavillion (partially obscured).

5. Jetty approximately 185' x 10' (partially obscured).

25X1D

6. Jetty []

25X1D

7. Breakwater []

8. Jetty 85' x 5'. Net or fence stretches to Item 7.

25X1D

9. Two probable storage buildings []

25X1B

3. Kerch Area

The city of Kerch was cloud covered. Kerch/Bagerovo Airfield was adequately covered. It was previously reported in Navy NT-P00042 and AF DPIR A/F 11, and is briefly described in Table 1 of this study. It is the largest of all airfields in the Crimea.

Northwest of the field is a large aerial target range containing aircraft silhouettes and bombing circles. Camera malfunction and cloud cover preclude location and study of any defense positions in the area.

It was not possible to confirm existence of the reported railroad bridge spanning Kerchenskiy Proliv (strait) from Kosa (sandspit) Chushka to Kerch. Approximately 6.5 nm of the 9 nm spit can be observed. Although camera malfunction precludes detailed interpretation, a small harbor which appears to be a ferry landing, can be seen. The remainder of the spit (SW end) is obscured by clouds. No bridge approaches were observed.

4. Coastal Area Along the Sea of Azov

Area extends from Dzhankoy to Kerch and lies between Dzhankoy-Kerch railroad and Sea of Azov. All airfields in this area are covered in Table 1 of this study. Detailed interpretation is precluded by presence of clouds and camera malfunction.

Area may be described as a low, level, coastal plain which is devoted primarily to agriculture and is characterized by large irregular-shaped fields broken by occasional small lakes and swamp areas. It is served by rail line and first class highway extending from Dzhankoy to Kerch and several secondary side roads.

TOP SECRET

25X1

TOP SECRET

25X1

HTA/JR-2/57

Due to obscuring clouds only 15 nm of the SE end of Arabatskaya Strelka (Spit) are observable. Camera malfunction precludes detailed interpretation. No military activity was observed. Area is served by secondary roads and activity appears limited to salt extraction (salt pans) and fishing.

A small aerial target range was observed just west of the south-east end of Sivash Sea and just north of the village of Yerchi (44°16'N/35°20'E).

A possible electronic installation is located on a circular tip of land to the north of town of Kazantipskiy Bays. One mast observed. Ground scars indicate others probably under construction.

C. North Central Crimea

1. Dzhankoy

City is located on the northern plains at the junction of the Sevastopol-Melitopol and Kerch-Kherson rail lines.

Other than Dzhankoy Airfield, previously covered by NT-P0006, NT-P00086, CNO Immediate 146, and AF DPIR A/F 90, nothing of military interest was observed. The major part of the city is obscured by heavy clouds with only portions of the residential area visible. A small portion of the rail yard [] was observed but quality of photography precludes detailed interpretation. The thermal power plant [] was not observed.

2. Vicinity of Dzhankoy

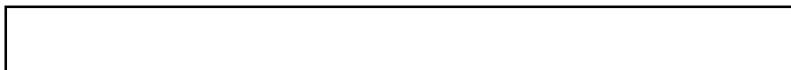
In addition to Dzhankoy Airfield there are three airfields at Karankut, Oktyabr'skoye, and Sovetskiy, and two landing grounds at Azovskoye and Mitrofanovka (see Table 1). No other military activity was observed in this area.

D. Western Crimea

1. Saki-Yevpatoria Area

a. Saki (Plate No. 11)

The two main installations in the Saki Area are Saki Airfield (see Table 1) and the Saki Chemical Plant. Both have been expanded considerably since World War II. Housing in Saki has been about doubled in the same period. A list of installations in the area, as annotated on Plate No. 11, follows:



B. Power Plant. Serves chemical plant. New since World War II.

TOP SECRET

25X1

TOP SECRET

25X1

HTA/ JR-2/57

25X1B

[REDACTED]

D. Reported Gasoline Storage Depot. Blurred image precludes definite identification.

E. Reported Gasoline Storage Depot, rail served. Blurred image.

F. Reported Gasoline Storage Depot. Blurred image.

G. Ammunition Storage. Apparently serves Saki Airfield.

H. Reported location of Power Station. Small building located at site.

J. Reported location of fixed MF beacon. Small object in center of open field may be beacon.

K. Power Plant reported in immediate area. Several buildings in area. None identifiable as to activity.

L. Reported location of radio transmitting station. Site is occupied by two small buildings and an open level field.

M. Radar, Token. Location reported by collateral. Small mound and several revetments, possible vehicles in area.

25X1A

N. Saki Airfield [REDACTED] (See Table 1)

P. Reported location of Naval mine factory. Several large and small buildings dug into hills.

Q. Two related security areas. The larger area to the north has a double security fence and a direct connection with a new dispersal taxiway from Saki Airfield. Has two large bunker-like structures. The smaller area has a single security fence and a service road to the main highway. There appears to be a conveyor system between the two areas. This may be some type of weapons storage.

b. Yevpatoria (No plate)

Heavy cloud cover and obliquity preclude study of Yevpatoria city and port. Yevpatoria Airfield is covered in Table 1.

25X1B

TOP SECRET

25X1

TOP SECRET

25X1

HTA/JR-2/57

25X1B

Similar, but not identical, rail-served installations appear along the Baltic Coast of the Soviet Union (see CIA/HTA-M34-57). On the other hand a possible ammunition plant has been reported in operation here. Components of the installation as annotated on Plate No. 13 are:

- A. Security Area.
- B. Three pads and bunkers.
- C. One pad, 100' x 70'.
- D. Four unidentified objects, possibly sheds.
- E. Security area with a building complex, the operation of which appears tied directly with area A.

2. Chernomorskoye (45°30'N/32°42'E) (No plate)

The town has increased to nearly twice its World War II size. Considerable new residential area has been and is being added. The port facilities have been expanded.

There are coastal defense positions on the peninsula west of town which existed during World War II. Considerable building construction is underway on the inner side of the peninsula. A secure area 280' x 230' contains a large 140' x 55' bunker. Three emplacements of a 6-gun medium AA position, on the east edge of the town, are occupied. A large quarry lies 1 1/4 miles east of Chernomorskoye.

E. Yalta Area (No plate)

Detailed interpretation is precluded by presence of heavy cloud cover. There has been some new construction in the outskirts of the city and along the coast to the south in the form of residential and resort type structures. The only apparent military activity is the barracks area, 2.5 nm to south of city on the Yalta-Sevastopol highway, which contains 19 permanent-type barracks with an additional seven under construction, and at least two administration buildings. Of that portion of the harbor area not obscured by clouds no major changes in port facilities were observed.

IV. SUMMARY AND CONCLUSIONS

Although only one-third of the Crimean peninsula could be studied, an impressive number of military targets was observed. While many targets had been previously reported on in detail, several significant new targets were discovered.

Of the air facilities observed the only apparent fighter defense bases were Dzhankoy and Sevastopol/Khersones. Blurring of the image precluded an aircraft count on the former. The latter had 26 Fagots.

TOP SECRET

25X1

TOP SECRET

25X1

HTA/JR-2/57

Air facilities appear to be well developed, with operational military airfields having runways ranging in length from 5,900 to 11,350 feet. Of the 20 air facilities observed, two fighter defense bases, three light bomber bases, two training bases, (one with two probable auxiliary landing fields), and one possible research and development center were identified.

A substantial portion of the reported Black Sea fleet was observed in Crimean waters, including 16 of a reported 72 submarines.

Army installations included a large military area at Sevastopol and AA defenses scattered around the airfields on the west and southwest coastal regions. Observation of electronic installations was limited because of the scale and quality of photography. Nevertheless, several early warning radars were identified as well as numerous fire control radars.

A possible missile test or development range was observed in the vicinity of Karangit which has affiliated facilities scattered over a large portion of the Kerch peninsula. The fact there is no collateral information on this area, and that most villages and populated places have been removed indicates the sensitive nature of activity taking place here.

Other possible missile sites of an operational defensive nature are located near Balaklava, Saki, and Dalniye Kamyshe. These installations differ in layout but are located within secure areas along with support and housing facilities.

Industrial installations observed were minor in nature with three exceptions. The Chemical Plant at Saki has doubled in size since World War II. The Torpedo Plant at Dalniye Kamyshe has been completely rebuilt. The Iron Foundry at Feodosiya is partially obscured by clouds, but appears to be in operation.

25X1

TOP SECRET

HTA/JR-2/57

BIBLIOGRAPHY OF PHOTO INTELLIGENCE REPORTS ON
CRIMEAN PENINSULA INSTALLATIONS

AIR FORCE:

DPIR Airfields No. 11 Kerch/Bagerovo A/F
 DPIR Airfields No. 55 Oktyabrskoye A/F
 DPIR Airfields No. 56 Saki A/F
 DPIR Airfields No. 57 Karankut A/F
 DPIR Airfields No. 84 Sevastopol/Khersones A/F
 DPIR Airfields No. 90 Dzhankoy A/F
 DPIR Airfields No. 97 Islam-Terek A/F
 SPIR Airfields No. 4 Airfields and Seaplane Stations of Southern
 USSR
 SPIR No. 5 Missile Test Area, Possible

CIA:

CIA/HTA-B-28-56 Saki A/F

CIA/HTA-M13/57 Balaklava Missile Launch Installation, Probable

NAVY:

CNO Immediate 000140 Balaklava Shipping Activity
 000141 Balaklava Naval Base and Ship Repair Yard
 000143 Sevastopol Shipping Activity
 000146 Dzhankoy A/F
 000147 Karankut A/F
 000148 Kerch/Bagerovo A/F
 000149 Sevastopol/Khersones A/F
 000150 Feodosiya Shipping Activity
 000151 Feodosiya Naval Base and Ship Repair Yard
 & Feodosiya Port Facilities
 000152 Dalniye Kamyshi Boatyard and Associated
 Facilities
 000153 Sevastopol Naval Base and Shipyard,
 "Sevmorzhavod" 497
 000154 Sevastopol Torpedo Boat Pens
 000155 Sevastopol Port Facilities, South Bay
 000156 Sevastopol Port Facilities "Streletskaya"
 000157 Sevastopol A/F
 000158 Sevastopol/West SS
 CNO SPIR 0001-57-NT Soviet Submarines and Submarine Bases in
 the Baltic and Black Sea Areas

Navy NT-P0006 Dzhankoy A/F
 00022 Feodosiya
 00037 Karankut A/F
 00042 Kerch/Bagerovo A/F
 00048 Sevastopol/Khersones A/F

TOP SECRET

25X1

HTA/JR-2/57

00086 Dzhankoy A/F
000200 Oktyabrskoye A/F
000207 Saki A/F
000212 Islam-Terek A/F
000273 Feodosiya/Karagoz A/F
000277 Feodosiya A/F
000333 Yevpatoria A/F

25X1B

NT-PX00042 Feodosiya Torpedo Plant, Dalniye Kamyshe
NT-PX00045 Feodosiya Missile Site, Possible

TOP SECRET

25X1

25X1

~~TOP SECRET~~ [REDACTED]

Approved For Release 2005/02/10 : CIA-RDP78T04753A000100160001-5

THIS AREA NOT
INCLUDED IN
REPORT.

PLA 10 2
SEVA



25X1

~~TOP SECRET~~ [REDACTED]

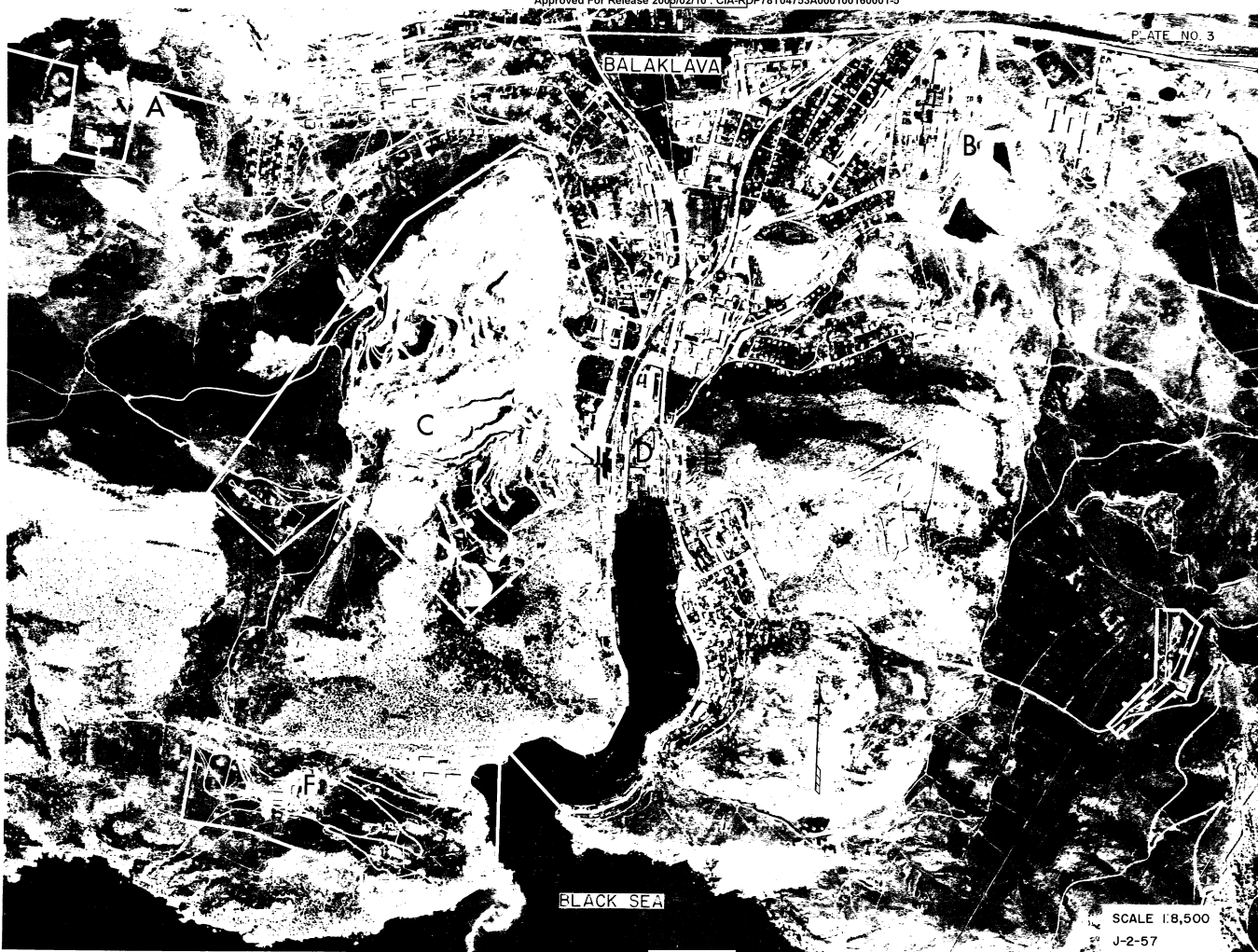
SCALE 1:17,000
J-2-57

25X1

TOP SECRET

Approved For Release 2005/02/10 : CIA-RDP78T04753A000100160001-5

PLATE NO. 3



BLACK SEA

SCALE 1:8,500
J-2-57

TOP SECRET

Approved For Release 2005/02/10 : CIA-RDP78T04753A000100160001-5

25X1

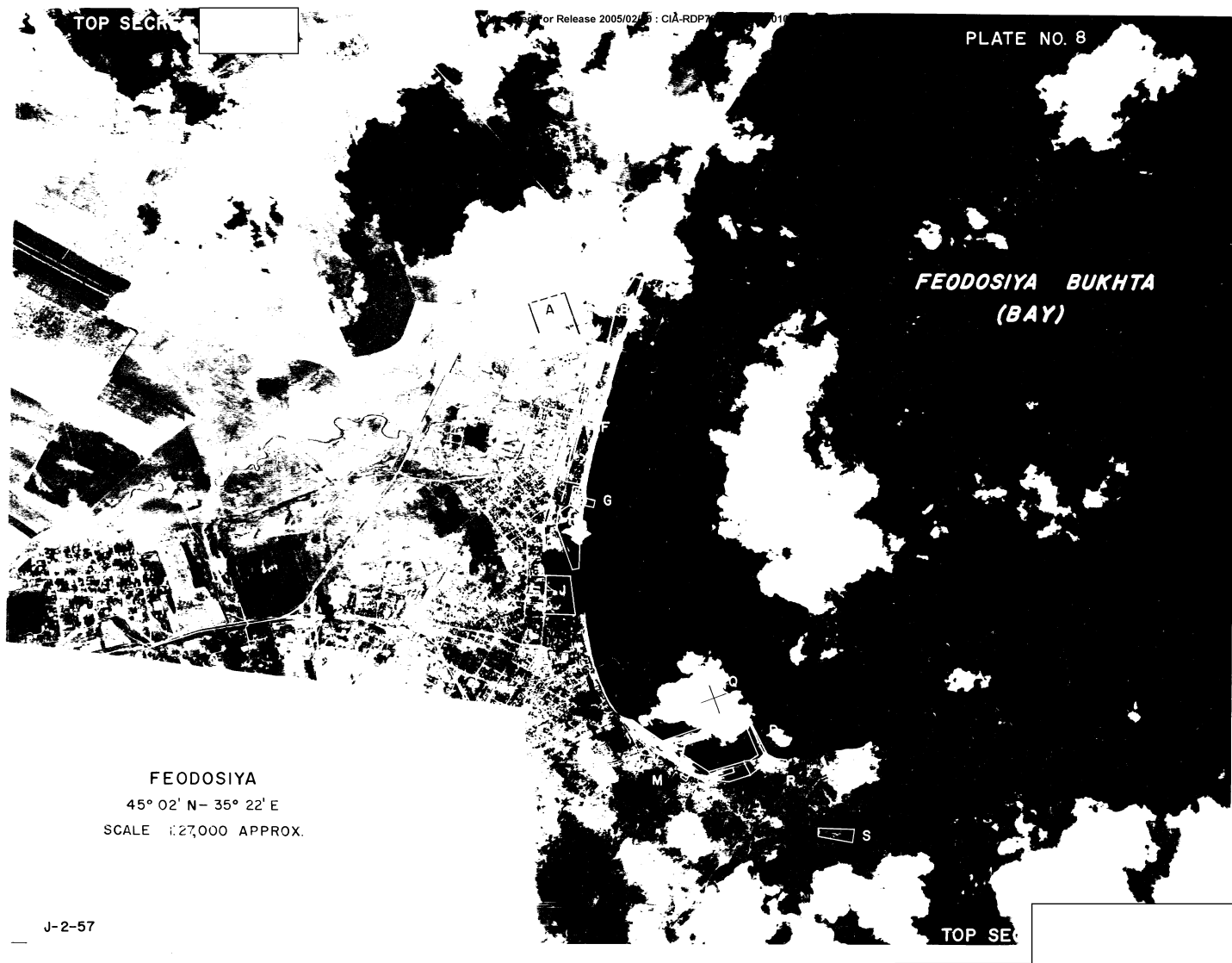


Approved For Release 2005/02/10 : CIA-RDP78T04753A000100160001-5

25X1B

Approved For Release 2005/02/10 : CIA-RDP78T04753A000100160001-5

25X1



25X1



25X1A

25X1B

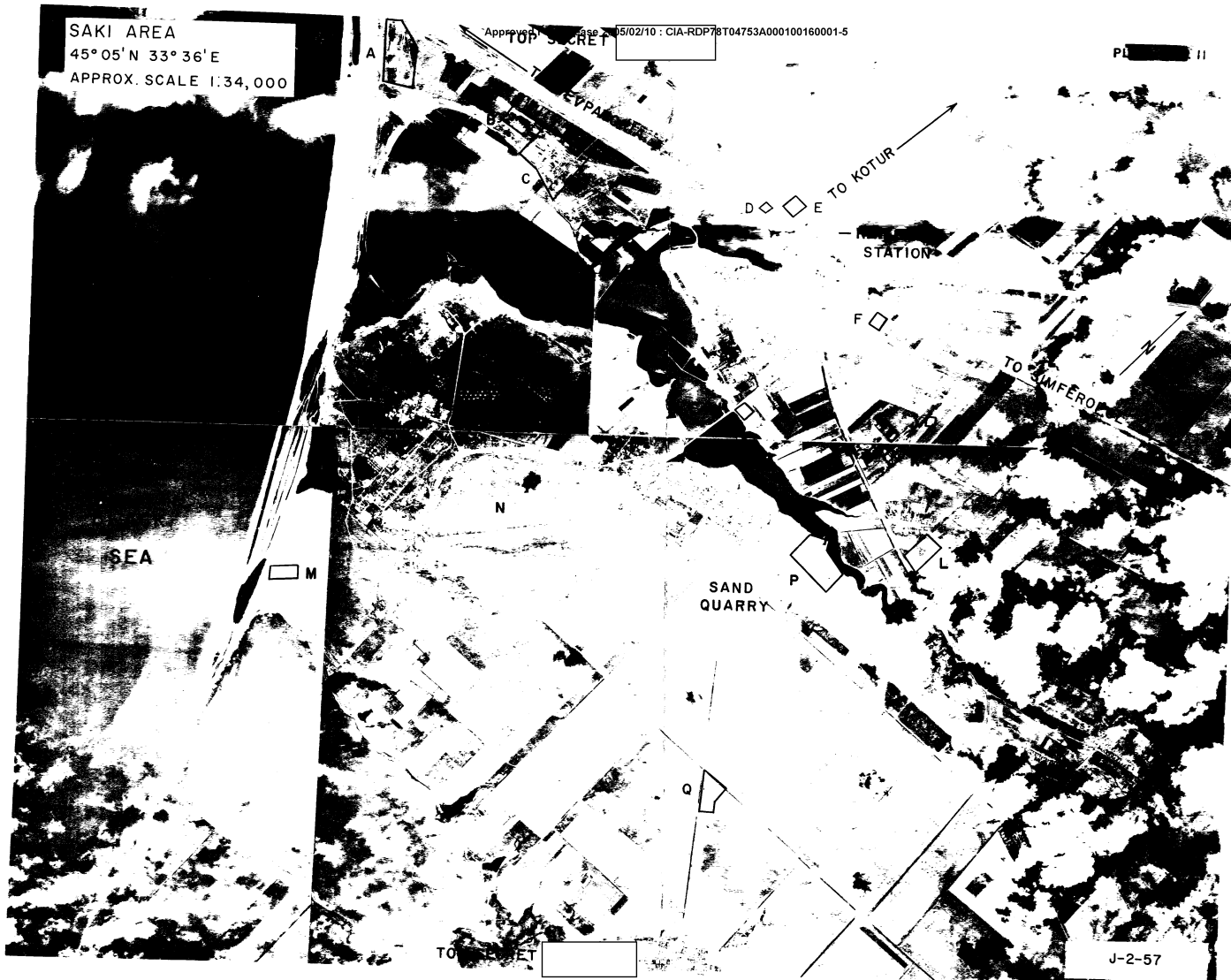
SAKI AREA
45°05'N 33°36'E
APPROX. SCALE 1:34,000

Approved For Release 2005/02/10 : CIA-RDP78T04753A000100160001-5

TOP SECRET

PL II

25X1



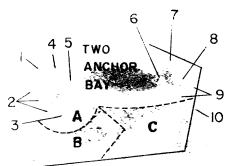
TOP SECRET

J-2-57

25X1B

TOP SECRET

PLATE NO 12



FEODOSIYA TORPEDO
TEST STATION

44° 57' 10" N - 32° 20' 30" E
SCALE 1:8,500

TOP SECRET

MTS KIIK ATLAMA

BLACK
SEA

